

IN THE CLAIMS

Claims 1 is amended. Claim 10-16 are cancelled.

1. (amended)

A distributed database system comprising:

plurality of administration domains,

wherein

each of said administration domains comprising:

one or more database administration apparatuses,

which administers database allocated

on said

database administration apparatuses

themselves or client computers

wherein

client computers are comprising:

at least one or more CPU,

and main memories,

and one or more

network Information cards;

on the network

in said administration domain;

a topology administration server

which administers information

of said database management systems

such as data dictionary,

or locking status,

or referential integrity status,

or physical location of rows divided

horizontally to the tables including sited in

the databases in the other domains,

or physical location of columns divided

vertically to the tables including sited in

the databases in the other domains,

or multi transactions commit counter,

~~or meta data of said database~~

~~management systems,~~
or meta data of file systems on which
said database management systems
exist;

and said client computers,
which are allocated on the network
beneath said database
administration apparatuses administered
with said topology administration server;

wherein

said topology administration servers exchange their topology information each
other,

and database administration apparatuses and said computers
can be real machine or can be virtual machine also,
and said topology administration server comprises:

storage for topology information, which stores topology information,
including certain information correlating a database object identifier,
which is information
for identifying a database object administered
by said database administration apparatus,
with an identifier
of a database administration apparatus
for identifying a database administration
apparatus administering the database object;

a receiver for data request,

which receives data request

including said database object identifier transmitted
from said client computers
for retrieving a database object identified
by said database object identifiers;

an acquisition unit,

for an identifier of a database administration apparatus,
which acquires a corresponding identifier
of a database administration apparatus
from said storage
for topology information

based on the database
 object identifier included
 in the data request received
 by said receiver
 for a data request;

a transferring unit for a data request,
 which transfers said data request
 to the database administration apparatus identified
 by the identifier
 of the database administration apparatus,
 in which said identifier is acquired
 by said acquisition unit
 for an identifier
 of a database administration apparatus;

a receiver for retrieve-completed information,
 which receives retrieve-completed information,
 which is information indicating retrieving
 of the database object
 to the computer;

a data retrieved updating unit for topology information,
 which updates the retrieve-completed information
 of topology information stored
 in the storage
 for topology information
 to the current status based
 on the retrieve-completed information received
 by the receiver
 for retrieve-completed information;

an exchanging unit for topology information,
 which exchanges topology information
 with the other topology administration server
 administrating the other administration
 domain communicable via network;

said computer comprises:

a transmitter for a retrieve-request,
 which transfers a retrieve-request,

a receiver for a database object,
which stores the database object returned
in accordance
with the transmission
of the retrieve-request
by said transmitter
for a retrieve-request;
and a storing unit for a database object,
which stores a database object received
by the receiver
for a database object;
and said database management system comprises:
a receiver for a retrieve-request,
which receives the retrieve-request transferred
by the topology administration server;
and a copy and transmission unit for a database object,
which copies and transmits the database object
in accordance
with the retrieve-request received
by the receiver for a retrieve-request.